

Title (en)
AUTONOMOUS VACUUM CLEANER

Title (de)
AUTONOMER STAUBSAUGER

Title (fr)
ASPIRATEUR AUTONOME

Publication
EP 2670287 A1 20131211 (EN)

Application
EP 12701021 A 20120113

Priority
• GB 201101940 A 20110204
• GB 2012050065 W 20120113

Abstract (en)
[origin: GB2487775A] An autonomous vacuum cleaner comprising a chassis (12, fig 1), traction means (14, fig 1) for supporting the vacuum cleaner on a surface, drive means for driving the traction means (14, Fig 1) and a control system configured to control the drive means to guide the vacuum cleaner across a surface to be cleaned. The vacuum cleaner further includes a cleaner head 22 having a dirty air inlet 24 facing the surface to be cleaned and a separating apparatus 51 carried by the chassis (12, fig 1) and communicating with the cleaner head 22 in order to separate debris from an airflow entering the separating apparatus 51 via the dirty air inlet 24. The separating apparatus 51 comprises a first upstream cyclone 74 and a plurality of second cyclones 90 arranged in parallel with one another and located downstream of the first cyclone 74.

IPC 8 full level
A47L 9/16 (2006.01)

CPC (source: EP GB KR US)
A47L 5/22 (2013.01 - GB); **A47L 9/00** (2013.01 - KR); **A47L 9/009** (2013.01 - GB); **A47L 9/16** (2013.01 - GB KR);
A47L 9/1625 (2013.01 - EP US); **A47L 9/1633** (2013.01 - US); **A47L 9/1641** (2013.01 - EP US); **A47L 9/28** (2013.01 - KR);
B04C 5/185 (2013.01 - GB); **A47L 2201/00** (2013.01 - EP US); **A47L 2201/04** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

GB 201101940 D0 20110323; GB 2487775 A 20120808; GB 2487775 B 20130327; AU 2012213255 A1 20130801;
AU 2012213255 B2 20150416; CN 103338689 A 20131002; EP 2670287 A1 20131211; JP 2014504534 A 20140224;
JP 2015180394 A 20151015; KR 20130118364 A 20131029; KR 20150103322 A 20150909; US 2014013538 A1 20140116;
WO 2012104596 A1 20120809

DOCDB simple family (application)

GB 201101940 A 20110204; AU 2012213255 A 20120113; CN 201280007690 A 20120113; EP 12701021 A 20120113;
GB 2012050065 W 20120113; JP 2013552256 A 20120113; JP 2015141753 A 20150716; KR 20137020976 A 20120113;
KR 20157022903 A 20120113; US 201213983475 A 20120113